

First open house in over 30 years draws 20,000

Organizers deem it 'tremendous success'; MIT ponders holding more frequent open houses

By Ethan A. Solomon
EDITOR IN CHIEF

To the outside world, MIT can be an intimidating place. Films like *Good Will Hunting* and *21* have portrayed the Institute as an exclusive — and sometimes snobbish — club of scientists and engineers. Last Saturday, MIT set out to change all that by hosting its first open house in more than 30 years, dubbed “Under the Dome.”

An estimated 20,000 visitors came to MIT for demonstrations, tours, and exhibits hosted by MIT student groups, academic departments, and administrative divisions. From demonstrations of the Wright Brothers Wind Tunnel (Building 17), to a UH 60 Black Hawk fly-in to Briggs Field, to the Baker House piano drop, MIT hosted 312 events in five hours. Children especially seemed to enjoy the day-long affair — and availed themselves of opportunities to climb campus artwork.

Still, not all of MIT was open. Labs which could not allow visitors inside opted to bring demonstrations to public spaces. Academic

departments, student groups, and MIT divisions were asked to independently develop open house events, underscoring the largely decentralized organizational process behind Under the Dome. Operations like information booths and security were, however, organized on the level of the entire campus.

David A. Mindell '96, chair of the MIT150 Steering Committee, was pleased with the open house, noting that nothing like it has happened in recent MIT history. Since MIT's last open house was over 30 years ago, Mindell said that the open house was “nothing anybody on campus had done before.” He said there were no significant security incidents.

Paul A. Lagacé '78, open house co-chair, described the day as a “tremendous success.” He indicated that, despite the 30-year gap between MIT's last open house and this one, the next open house might come sooner.

“Everybody is excited about the opportunity to do this again,” said



MANOHAR SRIKANTH—THE TECH

Children learn the inner workings of a joystick-controlled robotic manipulator during a technology demonstration at the Stata Center during MIT's Under The Dome open house celebration on Saturday afternoon. Approximately 20,000 attendees visited campus for the first open house in over 30 years, part of MIT's 150th anniversary celebrations. For more photos of Under The Dome, see p. 11.

Open house, Page 11

Boston celebrates death of Osama bin Laden



GREG STEINBRECHER—THE TECH

A crowd mostly composed of college students gathered at the Parkman Bandstand on Boston Common late Sunday evening to celebrate the death of terrorist Osama bin Laden. Two days ago, President Barack Obama announced that bin Laden was killed by a joint ground operation of the Navy SEALs and the CIA. The crowd sustained itself for almost two hours with an ebullient atmosphere, chanting and occasionally singing. Police officers stood nearby to monitor the energetic gathering. The students seemed to be predominantly from Boston University and MIT, with sparser showings from other area colleges.

IN SHORT

The MIT Awards Convocation will be held in 10-250 today at 4 p.m. MIT will recognize students, faculty, and staff for contributions they have made to the MIT community.

Amar G. Bose '51 donated a majority of Bose Corporation stock to MIT in the form of non-voting shares, according to an announcement from the MIT News Office last Friday. For more, see pgs. 15, 17.

The Kendall Band has been fixed thanks to the MIT

Kendall Band Preservation Society. Go make some music at the Kendall/MIT MBTA station.

Already thinking about next semester? Pre-registration for classes opened yesterday.

The MIT150 Brains, Minds, and Machines symposium will be held today through Thursday in Kresge Auditorium.

Send news information and news feedback to news@tech.mit.edu.

Maseeh to have binding lottery

Students moving into Maseeh Hall next term will not be able to enter the re-adjustment lottery. Maseeh Hall is an RBA dorm, and like McCormick, students who place in Maseeh in the summer lottery will have to live in that dorm. Virginia L. Nicholson '12, Phoenix Group president, confirms that Maseeh will still participate in REX, but students will not have the option to move into Maseeh in the re-adjustment lottery — which about a third of incoming freshmen enter. The dorm will still hold events open to the entire campus.

“To secure RBA and to create a strong stable community from the day the dorm opens its doors, the Housemasters agreed that selection of Maseeh would be binding,” Nicholson said.

Although the decision for this coming fall is set, Maseeh's binding RBA status will be reviewed to see if that will be changed in the future.

“Whatever benefits are gained by making RBA binding, we need to decide if those outweigh the benefits of participating in REX,” said Daniel D. Hawkins '12, UA Housing Committee chair.

—Stan Gill

Stem cells still alive

Courts support legality of research

By John A. Hawkinson
STAFF REPORTER

Human embryonic stem cell researchers — at MIT and elsewhere — can rest easy ... at least for now.

After five months of waiting for two different courts, the U.S. legal system has taken one small step toward permitting that research to continue. But it will be months before the case is fully resolved. Friday morning, the United States Court of Appeals for the District of Columbia voted 2-1 to dismiss a preliminary injunction barring the National Institutes of Health from funding human embryonic stem cell research.

That injunction had been on hold (stayed) while the court heard an appeal in the case, *Sherley v. Sebelius*, so researchers have been able to continue their work during these past months. The case was argued before the three-judge panel on Dec. 6, 2010.

In the case, former MIT professor and adult stem cell researcher James L. Sherley sued the U.S. government to prevent the NIH from funding human embryonic stem cell research, on the grounds that it violates a Congressional appropriations rider barring federal funding of research that destroys human embryos.

Sherley, who is black, was denied tenure by MIT in 2006. This led to a hunger strike by Sherley and an acrimonious dispute over the tenure process; Sherley claimed his tenure decision was a result of racism. He is now a researcher at the Boston Biomedical Research Institution, which does not support Sherley in this case. Sherley, like all BBRI investigators, is expected to fund his own research, including his salary.

In a 21-page decision, Judge Douglas Ginsburg wrote:

Stem cells, Page 12

KEEP THE BUSH TAX CUTS

Contrary to what Dems say, the Bush tax cuts are sound fiscal policy.

OPINION, p. 4

PREFROSH INVADE THE TECH

Why did the Class of 2015 pick MIT? **CAMPUS LIFE, p. 18**

BREAKING THE CODE

Central Square Theater does Alan Turing. **ARTS, p. 9**



THESE AREN'T JUST PUMPKINS

Glass art master Dale Chihuly's work is live at the Boston MFA. **ARTS, p. 10**

OSAMA BIN LADEN IS DEAD

If you haven't heard, get out of that cave you've been living in. **WORLD/NATION, p. 2**

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North Korea’s people are starving, and they need our help

The US and South Korea should not withhold humanitarian aid to further political ends

By **Andy Liang**
STAFF COLUMNIST

Former President Jimmy Carter recently made a three-day visit to assess North Korea’s continuing food shortage. He returned charging the U.S. with worsening the shortage by withholding food aid to millions in North Korea. Carter sees this situation as a human rights violation. Understandably, the former president would not want any person to starve. Unfortunately, many critics want to keep economic sanctions in place and food shipments minimal. They believe that repressive governments such as North Korea’s should not be given aid. But peanutman Jimmy Carter sees it in a different light; millions should not have to suffer for the North Korean government’s actions.

Currently, 3.5 million of the 24 million people in North Korea are classified as “very vulnerable” to critical starvation, as evaluated by a recent United Nations study. Poor yields from crops, flooding, and a harsh winter have led to these dire conditions. The United Nations World Food Program

stated that the government food supply will dwindle, with the average amount dropping from 1,400 calories per day to only 700. Despite worsening conditions, many countries, including the U.S., are joining South Korea in restricting food aid from the North. Currently, European countries continue to assess how to act, and North Koreans continue to starve.

But sympathizers of North Korea should know that food aid delivery may hold political risks. Critics of food aid purport that since North Korea has an inherently unproductive economy, the country may rely on international assistance to avoid addressing economic reforms. Moreover, the food imported to Pyongyang — meant to feed the starving millions — may instead be redistributed by North Korean officials to troops. But these concerns can be mediated by close inspection of food transport.

Does North Korea deserve pity? Not at all. Kim Jong-Il has been living in luxury, centralizing the nation’s wealth to himself and government officials instead of revitalizing the agriculture budget for North Koreans. Jong-Il

has not relaxed the North’s nuclear weapons program and welcomes weapons sales. Just last year, North Korea allegedly sank the South Korean Cheonan warship, killing 46 sailors. And six months ago, Pyongyang forces shelled the Yeonpyeong Islands. The North Korean government has certainly committed terrible atrocities, but citizens should not be held responsible for their government’s crimes.

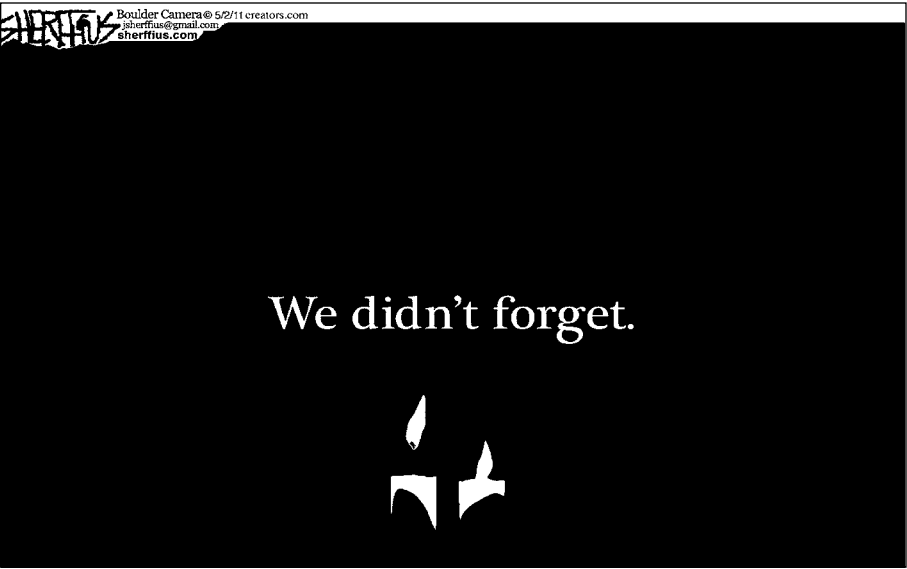
Inclusion of our politics in humanitarian assistance decisions will only prevent needed aid from reaching those in need of it the most.


We need to keep in mind that humanitarian efforts should be kept separate from foreign policy. Help should be available everywhere. Japan, Syria, Libya, and any other disaster-stricken country needs and deserves

aid. Inclusion of our politics in humanitarian assistance decisions will only prevent needed aid from reaching certain countries — there is nothing humanitarian about that.

In 1995–1996, the U.S. was the second leading contributor of aid to North Korea, after China. Back then, the U.S. sent aid because North Korea had suffered from flooding, internal industrial decline, and breakdown in food distribution. The flooding destroyed over 350,000 hectares of arable land, approximately 1.5 million tons of grain, and displaced 500,000 people. The flood also destroyed bridges, roads, and homes, with total damages estimated at \$15 billion, according to official estimates. The disaster heralded a nationwide famine that lasted nearly a decade. After the flooding, food rationing went from 458 grams to 200 grams — the equivalent of only a handful of food. Some remote areas of North Korea did not receive any food supply at all. The death toll of the famine is anywhere from 900,000 to 3.5 million.

To deprive the millions starving in North Korea from food aid today would be to make that same mistake again.





Established 1881

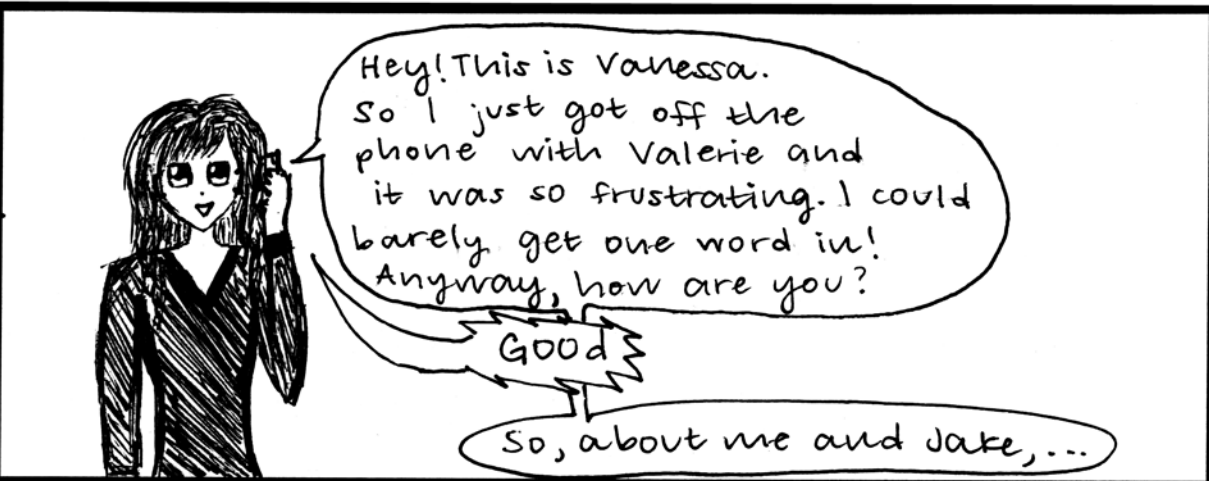
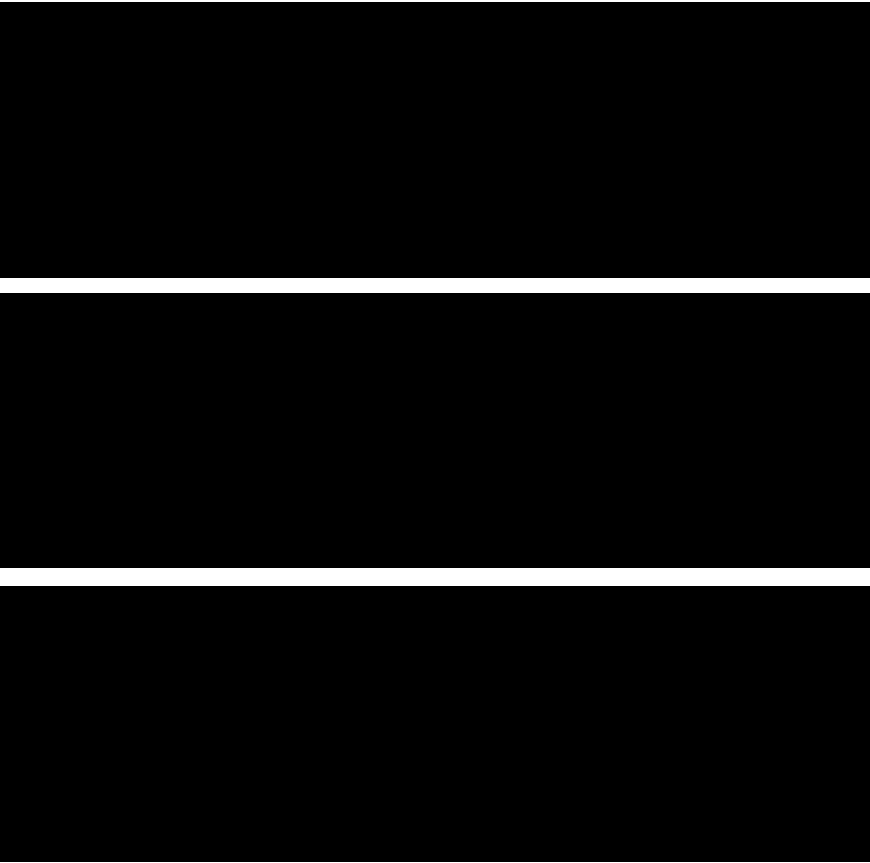
BLOG

Do you want to be a part of
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The Tech is looking for bloggers.

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OPINIONOPINIONOPINIONOPINIONOPINIONOPINIONOPINIONOPINIONOPINIONOPINION

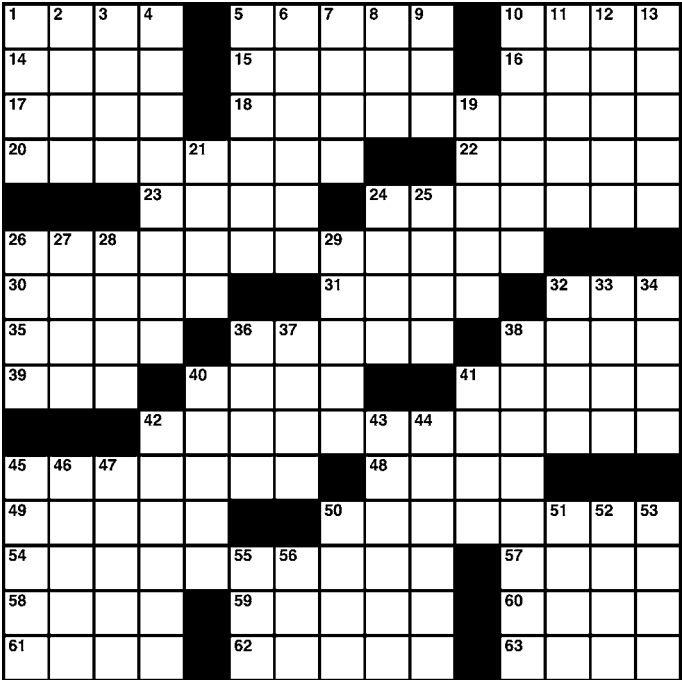
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Solution, page 15

- 1 1988 tennis Grand Slam winner
- 5 Partner of alas
- 10 "City of Seven Hills"
- 14 Sitcom named for its country star
- 15 Supple
- 16 French state
- 17 Cupid
- 18 Hope of one placing a personal ad?
- 20 Camera bag accessory
- 22 "Carmen," e.g.
- 23 Quite large
- 24 In a while
- 26 Peruvian worshiper?
- 30 "... the two shall be ..." "Wedding Song" lyrics
- 31 "Sweet Caroline" singer Diamond
- 32 Krazy of comics
- 35 Delighted
- 36 Former Alaska Territory capital
- 38 Baked beans, e.g.
- 39 Collector's goal

- 40 Il __: Mussolini
 - 41 Talk show host Gibbons
 - 42 Knock a motorcycle daredevil flat?
 - 45 One you won't find in a foxhole?
 - 48 Prepares to shoot
 - 49 Bank claims
 - 50 Ready
 - 54 Kid going nuts with building blocks?
 - 57 Insolvent S&L company
 - 58 Roman road
 - 59 Die down
 - 60 Novelist Hunter
 - 61 One and only
 - 62 Hotel conveniences
 - 63 Archaeology projects
- DOWN**
- 1 Austria's second largest city
 - 2 San __, Italy
 - 3 Peek-__
 - 4 Agricultural worker
 - 5 State without proof
 - 6 Train maker in the National Toy Hall of Fame

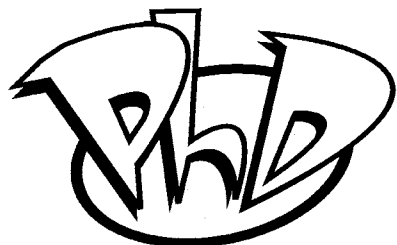
7 Dirt bike relatives, briefly
8 Friend of Fidel
9 Prefix with plunk
10 Grain cutter
11 Playful swimmer
12 Computer shortcut
13 Revolutionary Allen
19 Traveler's haven
21 Auto mechanic's job
24 Onion relative
25 New Balance rival
26 Falls behind
27 Maui or Kauai
28 Barrier at a zoo
29 Big name in chips
32 Chicken __: deep-fried dish
33 Wood-shaping tool
34 Greenish blue
36 Navigators and Explorers
37 "Cool" rap artist?
38 Couldn't make up one's
mind
40 Belief in a non-intervening
God
41 Looking fatigued
42 Poe's "rare and radiant
maiden"



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| 43 Self-defense method | idealism |
| 44 Family reunion attendees | 50 Chanteuse Edith |
| 45 Chalmers's business partner | 51 Shankar with a sitar |
| 46 Link with | 52 Cyberzine |
| 47 Philosopher who was a pioneer of German | 53 Pressures for payment |
| | 55 Battery buys |
| | 56 Cavs' and Mavs' org. |



by Jerry Holkins
and Mike Krahulik



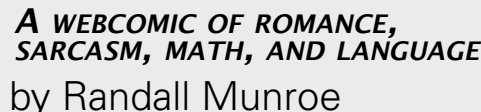
by Jorge Cham

Editorializin'



The Song of Something Something





A five-panel comic strip. Panel 1: A turtle at the bottom left says, "OH, CRAP, I DELETED THE FILE!". Panel 2: The turtle thinks, "I AM A TURTLE.". Panel 3: The turtle says, "NO, WAIT, THERE IT IS.". Panel 4: The turtle thinks, "I AM A TURTLE.". Panel 5: A box at the top right says "50 YEARS LATER:", and the turtle thinks, "I AM A TURTLE.".

OH, CRAP, I DELETED THE FILE!

I AM A TURTLE.

NO, WAIT, THERE IT IS.

I AM A TURTLE.

50 YEARS LATER:

I AM A TURTLE.

TURTLES HAVE IT FIGURED OUT, MAN.

HAN SOLO. I'M CAPTAIN OF THE MILLENNIUM FALCON.

WHAT'S THAT?

IT'S THE SHIP THAT MADE THE KESSEL RUN IN LESS THAN 12 PARSECS!

NO, WHAT'S A FALCON?

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Solution, page 17

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6						2	3	
2	4		8		5		6	7
3						7		4
	1						8	
7		8						6
4	7		3		9		1	2
	2	9						3
				1		4		

Solution, page 17

			1		2	4		5
		9			3	7	1	
4	2						9	
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9			3		8			4
	6		7					
	3						7	9
	4	5	9			2		
7		8	2		1			

Solution, page 17

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4		15x			12x
60x			20x		
		2x		60x	
144x				4	
1-			12+		

Solution, page 17

6x			30x		20x
14+			4-		
	12+			12x	
6x		18x		12x	2
	18+				3x
2			20x		



At noon on Saturday, an organized “flash mob” convened in Lobby 7, singing and dancing to a selection of pop and dance music. The flash mob required advance sign-up and rehearsal attendance.



MANOHAR SRIKANTH—THE TECH
An artist directed the painting of a mural on the sidewalk near the corner of Ames Street and Main Street outside the newly-opened Koch Institute on Friday afternoon.

A more open MIT

105 students, 95 staff volunteer

Open house, from Page 1

Lagacé. “Expect to see this happening more often.”

Mindell echoed Lagacé’s sentiment. “We always knew that if [the open house] went well, it would be on the table to do on a more regular basis,” he said.

According to Elizabeth C. Young, also an open house co-chair, 105 students volunteered at least three hours to help with the event. In addition, 95 MIT staff members, not including those who worked with departments to host events, volunteered to staff information tents, said John M. McDonald, director of enterprise services. Information tents were located at three locations across campus.

Paul Lagacé described the day as a ‘tremendous success.’

Of the 20,000 visitors, Mindell said that — anecdotally — it seemed many visitors came from further than Boston and Cambridge, like the cities’ surrounding suburbs. MIT has collected more detailed informa-

tion about open house visitors, which is not yet available.

On Saturday, families and children were ubiquitous. Mindell noted that “MIT and [President] Susan [J.] Hockfield are concerned about K-12 STEM education,” and that the open house was a way to make science and technology more accessible to grade school students.

MIT’s annual spring repairs and campus improvements happened on a “faster timescale” than they normally do in order to prepare for the open house, Lagacé said. Repairs to the Student Center steps were scheduled to be completed by last Saturday; in addition to re-pouring the steps, new handrails and benches have been added.

The open house coincided with the beginning of the Cambridge Science Festival, an annual week-long science and technology exposition hosted jointly by MIT, Cambridge City, and Harvard, among other institutions in the area.

The value of the open house, says Mindell, is not limited to visitors. “The feedback we keep getting is that there’s a great desire for people on campus to feel like they’re part of the larger Institute,” he noted.



MANOHAR SRIKANTH—THE TECH
A team from the Research Laboratory of Electronics helped open house guests build a simple DC motor using insulated copper wire and ferromagnets in the Stata Center Saturday afternoon.



MANOHAR SRIKANTH—THE TECH
An Army UH 60 Black Hawk helicopter visited Briggs Field Saturday afternoon for an inspection by MIT’s Army ROTC.



MANOHAR SRIKANTH—THE TECH
Children curiously watch a soccer-playing robot demonstration at the Stata Center on Saturday afternoon.

Decision influenced by definition of ‘research’

Stem cells, from Page 1

“Two scientists brought this suit to enjoin the National Institutes of Health from funding research using human embryonic stem cells (ESCs) pursuant to the NIH’s 2009 Guidelines. The district court granted their motion for a preliminary injunction, concluding they were likely to succeed in showing the Guidelines violated the Dickey-Wicker Amendment, an appropriations rider that bars federal funding for research in which a human embryo is destroyed. We conclude the plaintiffs are unlikely to prevail because Dickey-Wicker is ambiguous and the NIH seems reasonably to have concluded that, although Dickey-Wicker bars funding for the destructive act of deriving an ESC from an embryo, it does not prohibit funding a research project in which an ESC will be used. We therefore vacate the preliminary injunction.”

Ginsburg was joined by Judge Thomas Griffith. Both judges had seemed to favor the government’s side at oral argument, so their votes

did not come as a surprise. Much of the decision was spent on the definition of the word “research,” a subject that consumed scores of pages in the briefs submitted to the court.

One of the central questions of the case is whether current stem cell research that uses stem cell lines that were derived from embryos years ago qualifies as the same “research” as the original derivation. If it does, then the research is barred by Dickey-Wicker; if not, the research is legal.

The dissent by Judge Karen L. Henderson was “unusually strong,” said Samuel B. Casey, part of the legal team for Sherley and his co-plaintiff, Theresa A. Deisher. Sherley and Deisher are adult stem-cell researchers who maintain that their grant prospects are harmed by the NIH’s ability to fund human ESC research.

Henderson wrote that by “breaking the simple noun ‘research’ into ‘temporal bits’ [and] narrowing the verb phrase ‘are destroyed’ to an unintended scope ... my colleagues perform linguistic jujitsu.”

She wrote that Sherley and De-

isher are likely to succeed on the merits of their lower court case, and thus the lower court did not abuse its discretion in granting the preliminary injunction.

‘We conclude the plaintiffs are unlikely to prevail because Dickey-Wicker is ambiguous ... ’

Casey said that the on the basis of Henderson’s dissenting opinion, Sherley and Deisher are seriously considering appealing the three-judge panel’s decision to an *en banc* panel of the entire circuit court. Such appeals are quite uncommon, and are usually lost, Casey said, but he feels they could prevail.

Casey said that overall, he was “slightly disappointed but not surprised” with the appeals court decision, noting that one cannot expect to hit a home run every time one is at bat.

On Friday, the White House said

that “today’s ruling is a victory for our scientists and patients around the world who stand to benefit from the groundbreaking medical research they’re pursuing.” The Department of Justice said that they were pleased.

Francis S. Collins, director of the NIH, said in a statement that he was “delighted and relieved” by the decision. “This is a momentous day — not only for science, but for the hopes of thousands of patients and their families who are relying on NIH-funded scientists to pursue life-saving discoveries and therapies that could come from stem cell research.”

As has been true throughout this case, MIT did not comment on the decision.

Next steps

Now that the preliminary injunction has been dismissed, eyes are on the United States District Court for the District of Columbia, where the case is being argued on its merits. That court issued the preliminary injunction barring the research on Aug. 23, 2010.

Both sides have motions for sum-

mary judgement before Chief Judge Royce C. Lamberth of that court. Summary judgement is a request for the court to decide the case on the basis of agreed-upon facts that are already before it.

Casey said that the district court was likely to ask both sides to submit briefs outlining how the circuit court decision changes the case.

Because the majority of the appeals court panel concluded that the funding statute is ambiguous, Lamberth will have to consider that as he moves forward.

Of course, if Sherley and Deisher appeal the case to the circuit court *en banc*, then the lower court proceedings will likely pause again.

Case could reach Supreme Court

Either way, all involved are in this case for the long haul. Casey said that it was likely to reach the Supreme Court, noting that Sherley and Deisher would appeal there if they lost at the district and appellate levels, and that he thought the Department of Justice would do the same.

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Two groups apply for MEF

Emily Zhao '12, UA Finance Board chair, reported yesterday to the UA Senate that two groups asked for funding from the new Medium Events Fund (MEF), Fin-board’s newest allocation fund. The MEF was created earlier this semester with the intent of funding events that were too small for the Large Event Fund (LEF) and too expensive for student groups to fund on their own.

“The first funding period garnered fewer applications than we expect in future rounds, but was on par with expectations,” Zhao wrote in an email to *The Tech*. “In fact, because it was such a new concept and for events so far in the future (July–December), I was not sure any groups would apply at all.

The two groups that applied

are the African Students Association and the Southeast Asian Service Leadership Network at MIT (SEALNet@MIT). The African Students Association was fully funded (\$792.61) for their fall freshmen barbecue event. SEALNet@MIT received \$1,500 out of their requested \$2010–2370 to host the Southeast Asian Cultural Night, which requires funding for dances, performances, and food-related booths. Full funding was not awarded on the basis that “they did not provide enough on the performances and they could probably get groups to perform for free.”

MEF will give out funds twice annually. The second round of MEF will happen in either October or November, according to Zhao.

—Robert McQueen

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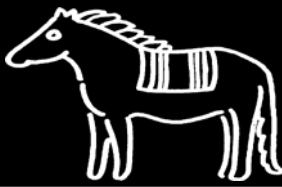
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The Sloan (Course 15) Course Bidding System (Sloanbid) Bidding Dates for Fall, 2011 Courses

<https://sloanbid.mit.edu>

First time logging in? Use your MIT ID as both your log in and password. Follow instructions on the site to change your password or retrieve lost passwords. Once logged in, make sure and check that your information (i.e. program of study and graduation date) is correct.

Institute-wide bidding for Sloan (Course 15) subjects*:

Opens 9:00 a.m., Friday, May 13
Closes 5:00 p.m., Friday, May 20

Waitlist Round for closed Sloan (Course 15) subjects:

Opens 9:00 a.m., Wednesday, July 13
Closes 5:00 p.m., Wednesday, July 27

Section Swap Round for changing sections of pre-enrolled Sloan (Course 15) subjects:

Opens 9:00 a.m., Monday, August 1
Closes 5:00 p.m., Monday, August 8

Please contact Scott Alessandro, salessan@mit.edu, if you have questions regarding Sloan (Course 15) Course Bidding.

Successful bids will appear on your Registration Form on September 6 and will be posted on the bidding website as of July 13 -- write down your password to check results!

**For 15.011, 15.075, 15.279, 15.301, 15.305, 15.310, 15.501, and 15.516, you can sign up directly through WebSIS starting May 2nd. It is not necessary to bid for these courses.*

MIT now the new majority owner of Bose Corporation

By Hiawatha Bray
THE BOSTON GLOBE

The Massachusetts Institute of Technology has just gone into the consumer electronics business — as the new majority owner of Framingham audio equipment maker Bose Corp.

Founder and MIT alumnus Amar G. Bose '51 has donated most of the stock in his privately held company to his alma mater. The shares don't come with voting rights, so MIT won't have any say in how the company is run. In addition, the school is barred from selling the stock. Instead, it will profit by receiving cash dividends whenever the company chooses to issue them.

A Bose spokesman declined a request for comment on the gift, and an MIT spokesman declined to estimate the economic value of the

donation. Bose Corp. reported 2010 revenue of more than \$2 billion.

"Amar Bose gives us a great gift today, but he also serves as a superb example for MIT graduates who yearn to cut their own path," said MIT President Susan J. Hockfield in a statement.

'Amar Bose gave us a great gift today.'
Susan J. Hockfield
—PRESIDENT OF MIT

Bose, a former MIT professor, began experimenting with home audio equipment in 1956 and patented a number of innovations. He launched Bose Corp. in 1964 to bring his inventions to market. He remained on the MIT faculty until 2001.

The company is best known for

its Wave line of desktop audio systems and its QuietComfort noise-canceling headphones. Bose also makes sound systems for cars, as well as large-scale audio products for use in stadiums and theaters.

Heather Joslyn, assistant managing editor of the *Chronicle of Philanthropy*, said it is not unusual for wealthy people to donate large amounts of stock to favorite causes or institutions. For instance, billionaire Warren Buffett has pledged to give away 85 percent of his shares in Berkshire Hathaway Inc. to a number of charitable foundations.

But Joslyn said she could find no other example of a company's founder donating most of its shares to a single university. "It does look like it's pretty unprecedented," she said.

This article was originally published April 29.



ETHAN A. SOLOMON—THE TECH

A decrepit upright piano sails off the roof of Baker House during the traditional Spring drop date celebration on Memorial Drive. The drop was held over a week after the April 21 drop date to coincide with MIT's Under The Dome open house.

LEGAL COUNSEL
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Solution to Crossword
from page 6

G	R	A	F		A	L	A	C	K		R	O	M	E
R	E	B	A		L	I	T	H	E		E	T	A	T
A	M	O	R		L	O	V	E	R		M	A	T	C
Z	O	O	M	L	E	N	S		O	P	E	R	A	
			H	U	G	E		L	A	T	E	R	O	N
L	I	M	A	B	E	L	I	E	V	E	R			
A	S	O	N	E		N	E	I	L		K	A	T	
G	L	A	D		S	I	T	K	A		S	I	D	E
S	E	T		D	U	C	E		L	E	E	Z	A	
			L	E	V	E	L	K	N	I	E	V	E	L
A	T	H	E	I	S	T		A	I	M	S			
L	I	E	N	S		P	R	E	P	A	R	E	D	
L	E	G	O	M	A	N	I	A	C		W	A	M	U
I	T	E	R		A	B	A	T	E		E	V	A	N
S	O	L	E		S	A	F	E	S		D	I	G	S

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By The Tech Sports staff

tain the MLB Postseason. In the American Division Series against Minnesota with their opponents, the Texas Rangers, record 5 against the Tampa Bay Rays. League, the Philadelphia Phillies swept ncluding a ho-hitter by Roy Halladay. Tries against Atlanta in which every game ns will claim their league pennant and Staff weigh in with department heads

Can you find the typo? (Answer is below)

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"ho-hitter" in the second line of the second paragraph should be "no-hitter"

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Cross Campus Collaboration: Vanessa Green, Nathan Trujillo,
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A gift to MIT from an alumnus raises questions

By **Stephanie Strom**
THE NEW YORK TIMES

The founder of the Bose Corp., a privately held company that makes high-end audio products, has donated the majority of the company to Massachusetts Institute of Technology, the university said last Friday.

But Amar G. Bose, who received his bachelor's, master's and doctoral degrees from MIT and was a professor there from 1956 to 2001, placed some unusual restrictions on the Bose shares he donated to the university.

While the shares give the university majority ownership, they are nonvoting and thus confer no control over the company and its operations. Nor can MIT sell the shares. It will receive dividends from Bose Corp., which Nathaniel W. Nickerson, a spokesman for the university, said in an email would be “used broadly to sustain and advance MIT’s education and research mission.”

While Nickerson said it was “a very significant gift,” he would not discuss the financial details, including the potential value, saying that Amar Bose and Bose Corp. want to “keep details of financial matters confidential.”

MIT officials, in announcing the donation, praised Bose’s teaching and research.

“Amar Bose gives us a great gift today, but he also serves as a superb example for MIT

graduates who yearn to cut their own path,” Susan Hockfield, the university’s president, said in an article on its website.

Amar Bose could not be reached for comment.

But some tax experts said the gift and the lack of detail about it raised questions.

“We don’t know much about the terms of this gift, but it seems like it clearly falls into a gray area that has been of concern to Congress,” said Dean Zerbe, national managing director of the tax consulting firm Alliantgroup. “The university needs to be more forthcoming about the arrangements behind this donation so we can get a clear picture of what’s going on.”

The donation will be ‘used broadly to sustain and advance MIT’s education and research mission.’

Roger Colinvaux, an associate law professor at Catholic University in Washington and previously a staff member of the Congressional Joint Committee on Taxation, also said the gift raised questions for him.

“If the shares truly can’t be sold so that there is some restriction on the university’s

ability to transfer stock, then it would suggest it is a contribution of partial interest only, which would not be deductible as a charitable contribution,” said Colinvaux, who recently published an article in The Florida Tax Review that argues that the laws governing charity are outdated and inadequate.

But Erik Dryburgh, a nonprofit lawyer, said he did not see a problem with the gift.

“On its face, I don’t see the abuse or potential abuses that were present in some of the more abusive gift transactions we saw in the past,” Dryburgh said.

Zerbe and Colinvaux said the gift brought to mind various tax shelters involving charities that came under scrutiny during the time they worked in Congress.

Nickerson, however, denied that the gift was similar to those tax strategies.

“Further, it would not be appropriate for us to discuss the taxes of any of MIT’s donors,” he said.

Most of the tax shelters cited by Zerbe and Colinvaux involved an elaborate strategy in which privately held companies gave nonvoting shares to a charity and then, after a time, bought them back. The transactions attracted the attention of regulators puzzled by why donors would give nonprofit groups nonvoting shares, whose value — and thus potential for tax deduction — is limited by their nonvoting nature.

In 2003, the Senate Permanent Subcommittee on Investigations looked into such transactions and found that, in some cases, they were an elaborate way of using a charity’s tax-exempt status to erase tax liabilities for the other shareholders of the company involved.

A charity involved in such a tax strategy would receive income from the company in proportion to the size of its holdings of nonvoting stock. But while that income was taxable, it was not distributed to the charity and stayed at the company to be reinvested.

The charity did not owe taxes on the income, anyway, because it was tax-exempt.

Later, the charity would sell the nonvoting shares back to the company at fair market value, and the company would distribute the income, tax-free, that had been associated with those shares among its other shareholders.

In other, similar cases, charities that received nonvoting stakes in privately held companies through gifts of nonvoting stock used large losses they had incurred on unrelated businesses to offset taxes for other shareholders. Dryburgh wrote a paper on that type of tax shelter.

In 2004, the IRS listed as “restricted” such transactions and denied deductions associated with them.

This article was originally published April 29.

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Solution to Sudoku I

from page 8

8	3	7	9	6	2	5	4	1
6	9	5	1	7	4	2	3	8
2	4	1	8	3	5	9	6	7
3	6	2	5	8	1	7	9	4
9	1	4	6	2	7	3	8	5
7	5	8	4	9	3	1	2	6
4	7	6	3	5	9	8	1	2
1	2	9	7	4	8	6	5	3
5	8	3	2	1	6	4	7	9

Solution to Sudoku II

from page 8

3	7	6	1	9	2	4	8	5
5	8	9	6	4	3	7	1	2
4	2	1	8	7	5	6	9	3
8	1	3	5	2	4	9	6	7
9	5	7	3	6	8	1	2	4
2	6	4	7	1	9	3	5	8
1	3	2	4	5	6	8	7	9
6	4	5	9	8	7	2	3	1
7	9	8	2	3	1	5	4	6

Solution to Techdoku I

from page 8

5	4	6	1	2	3
4	3	5	6	1	2
2	1	3	4	5	6
6	5	1	2	3	4
1	6	2	3	4	5
3	2	4	5	6	1

Solution to Techdoku II

from page 8

3	1	2	5	6	4
4	2	3	6	1	5
5	3	4	1	2	6
1	5	6	3	4	2
6	4	5	2	3	1
2	6	1	4	5	3

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(8:00 p.m. – 10:00 p.m.) DanceTroupe presents: Flux
—W16

(7:00 p.m., 10:00 p.m.) LSC shows *The King's Speech*
— 26-100

(8:00 p.m. – 10:00 p.m.) MIT Wind Ensemble —
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(4:00 p.m. – 6:00 p.m.) MIT Concert Choir — Kresge Auditorium

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